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CLAIMS

1. (Previously presented) A method of using a diesel reforming strategy, comprising:
supplying diesel fuel to a fractional distillation device in fluid communication with a reformer, wherein the diesel fuel consists essentially of compounds having a carbon number of about C_8 to about C_{20} ;
fractionally distilling said diesel fuel to produce a light fuel stream and a heavy fuel stream; and
reforming said light fuel stream in said reformer to produce a reformat.
2. (Original) The method of Claim 1, further comprising burning said heavy fuel stream in a burner to generate thermal energy.
3. (Previously presented) The method of Claim 19, wherein said reformer comprises a steam reformer.
- 4 - 17. (Cancelled)
18. (Previously presented) The method of Claim 1, wherein said diesel fuel comprises hydro-treated diesel fuel.
19. (Previously presented) The method of Claim 1, wherein said reformer comprises an endothermic reformer.
- 20-25. (Cancelled)
26. (New) The method of Claim 1, further comprising utilizing the reformat in a solid oxide fuel cell to produce electricity.

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27. (New) The method of Claim 1, wherein said reformatate comprises synthesis gas.
28. (New) A method of using a diesel reforming strategy, comprising:
supplying diesel fuel to a fractional distillation device in fluid communication with a reformer;
fractionally distilling said diesel fuel to produce a light fuel stream and a heavy fuel stream; and
reforming said light fuel stream in said reformer to produce synthesis gas.
29. (New) The method of Claim 28, further comprising burning said heavy fuel stream in a burner to generate thermal energy.
30. (New) The method of Claim 28, wherein said diesel fuel comprises hydro-treated diesel fuel.
31. (New) The method of Claim 28, wherein said reformer comprises an endothermic reformer.
32. (New) The method of Claim 31, wherein said reformer comprises a steam reformer.
33. (New) The method of Claim 28, further comprising utilizing the synthesis gas in a solid oxide fuel cell to produce electricity.